

IN THE CLAIMS:

1. A vehicle washing apparatus comprising:
 - a supporting frame adjacent a path of a vehicle to be washed;
 - a brush support arm having a first end pivotally mounted to said frame;
 - a brush rotatably mounted to a second end of said brush support arm; and
 - a brush support arm delay and accelerating mechanism comprising:
 - a mounting arm attached to said frame adjacent said brush support arm;
 - a bracket pivotally mounted to said mounting arm;
 - and
 - a pair of bumpers mounted on said bracket whereby one of said bumpers contacts said brush support arm during outward pivotal movement of said brush support arm to retard the outward movement thereof and the other of said bumpers contacts said brush support arm during inward pivotal movement of said brush support arm to accelerate the inward pivotal movement thereof during a vehicle washing operation.
2. A vehicle washing apparatus according to claim 1, wherein said supporting frame includes an upper frame member

extending laterally overhead of said path and means are provided for attaching said mounting arm to said upper frame member whereby said mounting arm is adjustable laterally and crosswise of said upper frame member.

3. A vehicle washing apparatus according to claim 1, which further includes biasing means which bias said bracket to a stationary position.

4. A vehicle washing apparatus according to claim 3, wherein said biasing means comprises a spring connected at a first end to said mounting arm and at a second end to said bracket.

5. A vehicle washing apparatus according to claim 4, wherein said bracket is pivotally mounted to said mounting arm at a pivot point located intermediate of the length of said bracket.

6. A vehicle washing apparatus according to claim 5, wherein said second end of said spring is connected to said bracket at a position offset from said pivot point in a direction beyond said pivot point.

7. A vehicle washing apparatus according to claim 1, wherein each of said bumpers comprises a roller mounted adjacent an end of said bracket.

8. A vehicle washing apparatus according to claim 1, wherein said bracket is generally U-shaped in configuration.

9. A vehicle washing apparatus according to claim 8, which further includes a stopper bumper on said mounting arm to stop pivotal movement of said bracket in one direction.

10. A vehicle washing apparatus comprising:

- a supporting frame having an upper frame member extending overhead of a path of a vehicle to be washed;
- a brush support arm pivotally mounted at a first end to said upper frame member;
- a brush rotatably mounted to a second end of said brush support arm; and
- a brush support arm delay and accelerating mechanism comprising:
 - a mounting arm adjustably attached to said upper frame member;
 - a bracket pivotally mounted to said mounting arm;

a spring biasing means connected between said bracket and said mounting arm which bias said bracket to a stationary position;

a pair of roller bumpers mounted on said bracket whereby one of said roller bumpers contacts said brush support arm during outward pivotal movement of said brush support arm to retard the outward pivotal movement thereof and the other of said roller bumpers contacts said brush support arm during inward pivotal movement of said brush support arm to accelerate the inward pivotal movement thereof during a vehicle washing operation.

11. A vehicle washing apparatus according to claim 10, which further includes a stopper bumper on said mounting arm to stop pivotal movement of said bracket in one direction.